



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lawrence W. Yonge III et al. Art Unit : 2665
Serial No. : 09/632,867 Examiner : Thomas E. Volper
Filed : August 4, 2000
Title : METHOD AND PROTOCOL TO ADAPT EACH UNIQUE CONNECTION IN A
MULTI-NODE NETWORK TO A MAXIMUM DATA RATE

MAIL STOP RCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

Applicants do not concede that the listed references are prior art.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 6, 2005

Date of Deposit

Maureen Christiano
Signature

Maureen Christiano

Typed or Printed Name of Person Signing Certificate

Applicant : Lawrence W. Yonge III et al.
Serial No. : 09/632,867
Filed : August 4, 2000
Page : 2 of 2

Attorney's Docket No.: 04838-061001

Respectfully submitted,

Date: 9/6/05



G. Roger Lee
Reg. No. 28,963

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

04838-061001

Application No.

09/632,867

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant

Lawrence W. Yonge III et al.

Filing Date

August 4, 2000

Group Art Unit

2665

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6778507	08/17/04	Jalali			
	AB	6747976	06/08/04	Bensaou et al.			
	AC	6671284	12/30/03	Yonge III et al.			
	AD	6667991	12/23/03	Tzannes			
	AE	6654410	11/25/03	Tzannes			
	AF	6567914	05/20/03	Just et al.			
	AG	6553534	04/22/03	Yonge III et al.			
	AH	6526451	02/25/03	Kasper			
	AI	6519263	02/11/03	Huth			
	AJ	6501760	12/31/02	Ohba et al.			
	AK	6487212	11/26/02	Erimli et al.			
	AL	6480489	11/12/02	Muller et al.			
	AM	6473435	10/29/02	Zhou et al.			
	AN	6466580	10/15/02	Leung			
	AO	6456649	09/24/02	Isaksson et al.			
	AP	6434153	08/13/02	Yazaki et al.			
	AQ	6430661	08/06/02	Larson et al.			
	AR	6385672	05/07/02	Wang et al.			
	AS	6370156	04/09/02	Spruyt et al.			
	AT	6363052	03/26/02	Hosein			
	AU	6343083	01/29/02	Mendelson et al.			
	AV	6334185	12/25/01	Hansson et al.			
	AW	6295296	09/25/01	Tappan			
	AX	6289000	09/11/01	Yonge, III			
	AY	6278716	08/21/01	Rubenstein et al.			
	AZ	6259696	07/10/01	Yazaki et al.			
	AAA	6252849	06/26/01	Rom et al.			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6243449	06/05/01	Margulis et al.			
	ACC	6243386	06/05/01	Chan et al.			
	ADD	6222851	04/24/01	Petry			
	AEE	6216244	04/10/01	Myers et al.			
	AFF	6215792	04/10/01	Abi-Nassif			
	AGG	6202082	03/13/01	Tomizawa et al.			
	AHH	6192397	02/20/01	Thompson			
	AII	6188717	02/13/01	Kaiser et al.			
	AJJ	6182147	01/30/01	Farinacci			
	AKK	6169744	01/02/01	Grabelsky et al.			
	ALL	6151296	11/21/00	Vijayan et al.			
	AMM	6130894	10/10/00	Ojard et al.			
	ANN	6130887	10/10/00	Dutta			
	AOO	6108713	08/22/00	Sambamurthy et al.			
	APP	6092214	07/18/00	Quoc et al.			
	AQQ	6076115	06/13/00	Sambamurthy et al.			
	ARR	6052377	04/18/00	Ohmi et al.			
	ASS	6044482	03/28/00	Wong			
	ATT	6041358	03/21/00	Huang et al.			
	AUU	6044154	03/28/00	Kelly			
	AVV	6041063	03/21/00	Povlsen et al.			
	AWW	6006017	12/21/99	Joshi et al.			
	AXX	6005894	12/21/99	Kumar			
	AYY	5966412	10/12/99	Ramaswamy			
	AZZ	5956338	09/21/99	Ghaibeh			
	AAAA	5948060	09/07/99	Gregg et al.			
	ABBB	5940399	08/17/99	Weizman			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ACCC	5914932	06/22/99	Suzuki et al.			
	ADDD	5903614	05/11/99	Suzuki et al.			
	AEEE	5896561	04/20/99	Schrader et al.			
	AFFF	5892769	04/06/99	Lee			
	AGGG	5886993	03/23/99	Ruszczyk et al.			
	AHHH	5884040	03/16/99	Chung			
	AIII	5841873	11/24/98	Lockhart et al.			
	AJJJ	5841778	11/24/98	Shaffer et al.			
	AKKK	5828677	10/27/98	Sayeed et al.			
	ALLL	5825807	10/20/98	Kumar			
	AMMM	5818826	10/06/98	Gfeller et al.			
	ANNN	5818821	10/06/98	Schurig			
	AOOO	5812599	09/22/98	Van Kerckhove			
	APPP	5799033	08/25/98	Baggen			
	AQQQ	5793307	08/11/98	Perrault et al.			
	ARRR	5787071	07/28/98	Basso et al.			
	ASSS	5771235	06/23/98	Tang et al.			
	ATTT	5764931	06/09/98	Schmahl et al.			
	AUUU	5757770	05/26/98	Lagoutte et al.			
	AVVV	5757766	05/26/98	Sugita			
	AWWW	5745769	04/28/98	Choi			
	AXXX	5737330	04/07/98	Fulthorp et al.			
	AYYY	5732113	03/24/98	Schmidl et al.			
	AZZZ	5717689	02/10/98	Ayanoglu			
	AAAAA	5706348	01/06/98	Gray et al.			
	ABBBB	5694389	12/02/97	Seki et al.			
	ACCCC	5651009	07/22/19	Perreault et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ADDDD	5644576	07/01/19	Bauchot et al.			
	AEEEE	5636230	06/03/97	Marturano et al.			
	AFFFF	5629948	05/13/97	Hagiwara et al.			
	AGGGG	5619651	04/08/97	Young			
	AHHHH	5615212	03/25/97	Ruszczyk et al.			
	AIIII	5610908	03/11/97	Shelswell et al.			
	AJJJJ	5568476	10/22/96	Sherer et al.			
	AKKKK	5563897	10/08/96	Pyndiah et al.			
	ALLLL	5563883	10/08/96	Cheng			
	AMMMM	5555268	09/10/96	Fattouche et al.			
	ANNNN	5548649	08/20/96	Jacobson			
	AOOOO	5541922	07/30/96	Pyhalammi			
	APPPP	5537414	07/16/96	Takiyasu et al.			
	AQQQQ	5524027	06/04/96	Huisken			
	ARRRR	5515379	05/07/96	Crisler et al.			
	ASSSS	5504747	04/02/96	Sweazey			
	ATTTT	5488632	01/30/96	Mason et al.			
	AUUUU	5483529	01/09/96	Baggen et al.			
	AVVVV	5452322	09/19/95	Lauer			
	AWWWW	5452288	09/19/95	Rahuel et al.			
	AXXXX	5448565	09/05/95	Chang et al.			
	AYYYY	5436905	07/25/95	Li et al.			
	AZZZZ	5416801	05/16/95	Chouly et al.			
	AAAAAA	5384777	01/24/95	Ahmadi et al.			
	ABBBB	5343473	08/30/94	Cidon et al.			
	ACCCCC	5339313	08/16/94	Ben-Michael et al.			
	ADDDDD	5307376	04/26/94	Castelain et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AEEEEEE	5280480	01/18/19	Pitt et al.			
	AFFFFF	5274629	12/28/93	Helard et al.			
	AGGGGG	5231634	07/27/93	Giles et al.			
	AHHHHH	5228025	07/13/93	Le Floch et al.			
	AIIIII	5214646	05/25/93	Yacoby			
	AJJJJJ	5157659	10/20/92	Schenkel			
	AKKKKK	5140584	08/18/92	Suzuki			
	ALLLLL	5121396	06/09/92	Irvin et al.			
	AMMMMM	5081678	01/14/92	Kaufman et al.			
	ANNNNN	5046069	09/03/91	Calvignac et al.			
	AOOOOO	5003539	03/26/91	Takemoto et al.			
	APPPPP	5001472	03/19/91	Fischer et al.			
	AQQQQQ	4943959	07/24/90	Arnold			
	ARRRRR	4881241	11/14/89	Pommier et al.			
	ASSSSS	4819229	04/04/89	Pritty et al.			
	ATTTTT	4792947	12/20/88	Takiyasu et al.			
	AUUUUU	4726018	02/16/88	Bux et al.			
	AVVVVV	4720850	01/19/88	Oberlander et al.			
	AWWWWW	4677612	06/30/87	Olson et al.			
	AXXXXX	4630261	12/16/86	Irvin			
	AYYYYY	4581734	04/08/86	Olson et al.			
	AZZZZZ	4569044	02/04/86	Tao et al.			
	AAAAAA	3806885	04/23/74	Moore			
	ABBBBB	2004/0001499	01/01/04	Patella et al.			
	ACCCCC	2003/0006883	01/09/03	Kim et al.			
	ADDDDD	2003/0174664	09/18/03	Benveniste			
	AEEEEEE	2003/0079169	04/24/03	Ho et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AFFFFFF	2002/0191533	12/19/02	Chini et al.			
	AGGGGG	2002/0065047	05/30/02	Moose			
	AHHHHH	2002/0048368	04/25/02	Gardner			
	AIIIII	2002/0042836	04/11/02	Mallory			
	AJJJJJ	2001/0048692	12/06/01	Karner			
	AKKKKK	2001/0043576	11/22/01	Terry			
	ALLLLL	Re. 35,001	07/25/95	Grow			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	MMMMM	02/41598	05/23/02	PCT				
	NNNNN	98/57440	12/17/98	PCT				
	OOOOO	3413144	10/17/85	Germany				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	APPPPP	USSN 09/632,303
	AQQQQQ	Sun et al., Public-key ID-based Cryptosystem, 1991, IEEE, pages 142-144
	ARRRRR	Bruschi, Danilo, Secure Multicast in Wireless Networks of Mobile Hosts: Protocols and Issues, 2002, Mobile Networks and Applications, pages 503-511
	ASSSSS	IBM, Combined use of collision resolution and collision avoidance MAC protocols, 10/1/1994, IBM Technical Disclosure Bulletin, Vol. 37, Pages 299-302 (NN9410299)
	ATTTTT	ISO/IEC 8802-3: 2002 International Standard (ANSI/IEEE Std 802.3) Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications
	AUUUUU	Bux, "Token-Ring Local-Area Networks and Their Performance," Procs. Of the IEEE, Vol. 77, No. 2, February 1989
	AVVVVV	Applied Cryptography, Second Edition: protocols, algorithms, and source code in C, Bruce Schneier, 1996
	WWWWWW	PKCS #5 v. 20: Password-Based Cryptography Standard, RSA Laboratories, March 25, 1999
	AXXXXX	HomePlug Powerline Alliance, HomePlug 1.0.1 Specification, December 1, 2001
	AYYYYY	Lee et al., "HomePlug 1.0 powerline communication LANs – protocol description and performance results", Int. J. Commun. Syst., Vol. 16 (2003)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-061001	Application No. 09/632,867
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III et al.	
		Filing Date August 4, 2000	Group Art Unit 2665

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AZZZZZ	Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3: 1996 International Standard (ANSI/IEEE Std 802.3)
	AAAAAA	Bertsekas et al., Data Networks, Prentice Hall, Englewood Cliffs, NJ, Section 2.4.3 Selective Repeat ARQ (1992)
	BBBBBB	HiPerformance Radio Local Area Network (HiperLAN) Type I: Functional Specification, European Standard (Telecommunication Series) No. 300652 V. 1.2.1 1998-07
	CCCCCC	An Architecture for Differentiated Services, IETF RFC 2475, December 1998
	DDDDDD	Goalic et al., "Real-Time Turbo-Decoding of Product Codes on a Digital Signal Processor," IEEE, pp. 624-628 (1997)
	EEEEEE	Benedetto et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pp. 1-20 (11/96)
	FFFFFF	Peterson et al., "Error-Correcting Codes," The MIT Press (1972)
	GGGGGG	Pyndiah, "Near-Optimum Decoding of Product Codes: Block Turbo Codes," IEEE Transactions on Communications, Vol. 46, No. 8, pp. 1003-1010 (08/98)
	HHHHHH	Pyndiah, "Near Optimum Decoding of Product Codes," IEEE, pp. 339-343 (1994)
	IIIIII	Pyndiah, "Performance of Block Turbo Coded 16-QAM and 64-QAM Modulations," IEEE, pp. 1039-1043 (1995)
	AJJJJJJ	Ehrrsam et al., "A cryptographic key management scheme for implementing the Data Encryption Standard," IBM Syst J, Vol. 17, No. 2 (1978)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	